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6A4/2874
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5/21/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:
Heideman et al.

) Attorney Docket No.
080743165002

Serial No.: 09/693,803

) I hereby certify that this correspondence is being deposited with
the U. S. Postal Service as first
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to: Commissioner of Patents and
Trademarks, Washington, D.C. 20591
on 5/21/02

Filed: October 20, 2000

For: INTEGRATED OPTICAL
LIGHTGUIDE DEVICE

Examiner: Kang, Juliana

Group Art Unit: 2874

Erle A. Bowery

Erle A. Bowery

SUPPLEMENTAL AMENDMENT AND RESPONSE

In response to the Office Action mailed April 9, 2002, please amend the above-
identified application as follows:

In The Claims:

Cancel claim 13 and rewrite it as new claim 25.

Sub C1
25. A method for determining the amount of light passing through an

integrated optical lightguide device comprising the steps of:

B1
providing a lightguide device;

locating a light source at an entrance of said lightguide device;

locating a light detector at an exit of said lightguide device;

transmitting light through said lightguide device in a direction of light
propagation;

locating several types of segments in said lightguide device, each type of segment
having a different refractive index profile wherein the refractive index profile of at least



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